

For Comments Only

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

**अंतरिक्ष प्रणालियां — लॉन्च पैड और एकीकरण साइट — सुविधा,
प्रणाली और उपकरण विफलता विश्लेषण**

Draft Indian Standard

**Space Systems — Launch Pad and Integration Site — Facility,
System and Equipment Failure Analysis**

ICS: 49.140

**Air and Space Vehicles Sectional Committee, TED 14 Last date for receipt of comments is
28/08/2024**

NATIONAL FOREWORD

(Identical Clause to be added later)

The text of ISO standard has been proposed as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

SCOPE

This International Standard establishes procedures for the analysis of failures that occur during the acceptance testing or operation of launch pad and integration site facilities, systems and equipment. The procedures define

the processes for investigating, analysing and identifying the probable causes of failures, and for developing corrective actions to preclude future failures.

The purpose of this International Standard is to provide

- rules for investigating, analysing and identifying the causes of failures,
- sufficient information so that corrective action may be implemented to prevent failure recurrence, and
- a uniform method for maintaining records of the findings of all failure causes so as to provide information for other failure investigations.

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 16159: 2012 or CONTACT:

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